



### Use Case: Using MED mode for treatment

The use case above demonstrates the interaction that takes place between the user actor and the system actor when a user decides to enable the MED (minimum effective dose) treatment program. The general flow of interaction is that a user chooses the MED option from the main menu, and the device responds by displaying the MED menu. There are a few extended and included interactions that also take place behind the scene of the general flow.

The “Turn Off Device” and “Return to Main Menu” cases are extended after selecting the MED option because a user has the choice to perform either of those actions at any time but does not always have to. The “Begin Treatment (ONLY when electrode is on skin)” has an

included relationship with the MED menu because once the menu is displayed, Denas automatically begins treating the user as long as the electrode is on their skin. At this time, the user also has the option to increase or decrease the intensity of their treatment while in MED mode.